Resource Summary Report

Generated by NIF on Jul 31, 2026

Mouse Anti-PGP9.5 Monoclonal Antibody, Unconjugated, Clone 13C4 / I3C4

RRID:AB_306343
Type: Antibody

Proper Citation

Abcam Cat# ab8189, RRID:AB_306343

Antibody Information

URL: http://antibodyregistry.org/AB_306343

Proper Citation: Abcam Cat# ab8189, RRID:AB_306343

Target Antigen: PGP9.5

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunohistochemistry; Immunocytochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-FoFr, Immunohistochemistry-Fr, Immunohistochemistry-P, Western Blot
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Mouse Anti-PGP9.5 Monoclonal Antibody, Unconjugated, Clone 13C4 / I3C4

Description: This monoclonal targets PGP9.5

Target Organism: guinea pig, rat, pig, human, dog

Clone ID: Clone 13C4 / I3C4

Antibody ID: AB_306343

Vendor: Abcam

Catalog Number: ab8189

Record Creation Time: 20250819T220930+0000

Record Last Update: 20250820T011735+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Mouse Anti-PGP9.5 Monoclonal Antibody, Unconjugated, Clone 13C4 / I3C4.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Ren L, et al. (2025) Sensory neurons drive pancreatic cancer progression through glutamatergic neuron-cancer pseudo-synapses. Cancer cell.

Wu Z, et al. (2025) Peripheral nervous system microglia-like cells regulate neuronal soma size throughout evolution. Cell, 188(8), 2159.

Zhang XL, et al. (2024) Dopamine regulates colonic glial cell-derived neurotrophic factor secretion through cholinergic dependent and independent pathways. British journal of pharmacology, 181(3), 413.

Fukuda N, et al. (2023) Axonal mRNA binding of hnRNP A/B is crucial for axon targeting and maturation of olfactory sensory neurons. Cell reports, 42(5), 112398.

Zaninelli TH, et al. (2023) Kaurenoic Acid Reduces Ongoing Chronic Constriction Injury-Induced Neuropathic Pain: Nitric Oxide Silencing of Dorsal Root Ganglia Neurons. Pharmaceuticals (Basel, Switzerland), 16(3).

Sun PY, et al. (2023) Lidocaine alleviates inflammation and pruritus in atopic dermatitis by blocking different population of sensory neurons. British journal of pharmacology, 180(10), 1339.

Kim C, et al. (2023) Pamoic acid-induced peripheral GPR35 activation improves pruritus and dermatitis. British journal of pharmacology, 180(23), 3059.

Yamanishi H, et al. (2023) Three-dimensional correlative light and focused ion beam scanning electron microscopy reveals the distribution and ultrastructure of lanceolate nerve endings surrounding terminal hair follicles in human scalp skin. Journal of anatomy, 242(6), 1012.

Hossain MZ, et al. (2022) TRPA1s act as chemosensors but not as cold sensors or mechanosensors to trigger the swallowing reflex in rats. Scientific reports, 12(1), 3431.

Yuan H, et al. (2021) Premigratory neural crest stem cells generate enteric neurons populating the mouse colon and regulating peristalsis in tissue-engineered intestine. Stem cells translational medicine, 10(6), 922.

Klein I, et al. (2021) Impact of drug formulations on kinetics and toxicity in a preclinical model of paclitaxel-induced neuropathy. Journal of the peripheral nervous system : JPNS, 26(2), 216.

Huang J, et al. (2020) Hyperactivity of Innate Immunity Triggers Pain via TLR2-IL-33-Mediated Neuroimmune Crosstalk. Cell reports, 33(1), 108233.

Hossain MZ, et al. (2020) Functional involvement of acid-sensing ion channel 3 in the swallowing reflex in rats. Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society, 32(1), e13728.

Murray HC, et al. (2020) The unfolded protein response is activated in the olfactory system in Alzheimer's disease. Acta neuropathologica communications, 8(1), 109.

Jones RE, et al. (2019) Skeletal Stem Cell-Schwann Cell Circuitry in Mandibular Repair. Cell reports, 28(11), 2757.

Hill RZ, et al. (2018) The signaling lipid sphingosine 1-phosphate regulates mechanical pain. eLife, 7.

Pinho-Ribeiro FA, et al. (2018) Blocking Neuronal Signaling to Immune Cells Treats Streptococcal Invasive Infection. Cell, 173(5), 1083.

Takahashi H, et al. (2016) A Subtype of Olfactory Bulb Interneurons Is Required for Odor Detection and Discrimination Behaviors. The Journal of neuroscience : the official journal of the Society for Neuroscience, 36(31), 8210.